

nomination as United States surgeon general. Upon confirmation, Dr. Benjamin will become the third Alabamian to serve as the nation's chief health educator.

A native of Mobile, Dr. Benjamin earned a bachelor's degree from Xavier University in New Orleans, and she attended the University of Alabama at Birmingham School of Medicine. Following the completion of her residency at the Medical Center of Central Georgia, Dr. Benjamin returned to south Alabama and founded the Bayou La Batre Rural Health Clinic. Dr. Benjamin also holds a masters of business administration from Tulane University.

Founded in 1990, Dr. Benjamin's non-profit clinic strives to provide high-quality medical care for the uninsured citizens of Alabama's bayou. In the aftermath of Hurricanes Georges and Katrina, despite the devastation of her own clinic, Dr. Benjamin selflessly continued to serve her patients, making house calls in order to treat those who were isolated, injured, and unable to leave their homes.

Dr. Benjamin's résumé boasts an extensive list of accomplishments. In 1995, she became the first African-American woman and first person under age 40 to serve on the American Medical Association board of trustees. In addition, as president of the Medical Association of Alabama, she was the first African-American woman president of a state medical society. In September 2008, she was one of 25 honored with a \$500,000 "genius award" from the John D. and Catherine T. MacArthur Foundation Fellowship. She also previously served as associate dean for Rural Health at the University of South Alabama College of Medicine and chair of the Federation of State Medical Boards of the United States.

Dr. Benjamin has received numerous awards throughout her career. In 1998, she was the United States recipient of the Nelson Mandela Award for Health and Human Rights. Time magazine named her as one of the "Nation's 50 Future Leaders Age 40 and Under." She has been profiled by the New York Times and ABC's "World News Tonight." She was named "Woman of the Year" by both CBS "This Morning" and People Magazine. In 2008, U.S. News and World Report named Dr. Benjamin one of America's Best Leaders.

Madam Speaker, on behalf of the proud citizens of the First Congressional District and the entire state of Alabama, I ask my colleagues to join me in congratulating Dr. Benjamin on this distinguished nomination.

EARMARK DECLARATION

HON. JERRY LEWIS

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Tuesday, September 8, 2009

Mr. LEWIS of California. Madam Speaker, I submit the following:

Project name: Synchrotron-Based Scanning Research

Requested amount: \$6,000,000.00

Recipient: Loma Linda University Medical Center, 11175 Campus Drive, Loma Linda, CA 92354

Purpose: The Synchrotron-based Neuroscience and Proton Institute (NSPI) is pioneering new possibilities in medical technology and neuroscience for the service of patients

with previously untreatable benign diseases. The potential of the NSPI is to expand efforts in the treatment of people with uncontrollable serious behavioral conditions, including military personnel and veterans suffering from Post-Traumatic Stress Disorder as well as persons who are currently incarcerated in prisons and who volunteer for this treatment. Eventually the treatment would be an available medical option to all persons seeking a non-invasive, non-drug alternative to behavioral disorders, both in the military and civilian populations.

Project name: Center for Innovative Geospatial Technology—

Requested amount: \$7,000,000.00

Recipient: ESRI, 380 New York Street, Redlands, CA 92373

Purpose: Geospatial support to the warfighter has proven its value on the battlefield. Successes to date, together with advances in GIS technology, create the demand and the opportunity to apply geospatial analysis to a much larger set of military intelligence issues, and to embed advanced geospatial analysis techniques in critical warfighter support systems. These tasks can also help to integrate the national intelligence, defense intelligence, and military operational communities, all of which are heavily invested in geospatial technology and applications. Building on widely used information systems will expedite the work, facilitate ready application to new problems, create a foundation for sharing, and in the process create opportunities for economies. For the taxpayer, this means more efficient use of intelligence assets and resources to support military and other government operations, and lower operating costs in the intelligence community due to better integration of intelligence information and better quality of information to a large number of intelligence users.

Project name: Facility Security using Tactical Surveys

Requested amount: \$4,500,000.00

Recipient: TSG, 301 Vanderbilt Way, San Bernardino, California 92408

Purpose: The Tactical Survey System is an innovative computer-based, interactive tool that provides crisis personnel access to a vast database of reliable pre-incident information on a facility, thereby enhancing their ability to effectively respond to an emergency situation. The Tactical Survey System includes immersive imagery with embedded tactical intelligence including hazardous material types and locations, aerial photos, ingress and egress videos, key personnel, building construction information, utility shutoff locations with instructions, communications infrastructure, fire fighting assets, fire and security alarm systems, and perimeter control systems. Completion of a survey at a federal installation allows precise advanced planning of emergency response, conduct of realistic exercises, and detailed training of individuals.

Project name: Commercialization of Advanced Technology

Requested amount: \$2,500,000.00

Recipient: California State University, San Bernardino, 5500 University Parkway, San Bernardino, CA 92407-2393

Purpose: A collaborative partnership between California State University, San Bernardino (CSUSB) and San Diego State University, with the Space and Naval Warfare Systems Center, San Diego, other govern-

ment, academic, and industry representatives, offers a proven process for accelerating technology to meet priority military and homeland defense requirements. Key focus is on commercializing technologies developed in government labs and/or funded under the SBIR program, transitioning technologies from the commercial sector to meet government priorities. The need for advanced technological solutions for personnel protection, enhanced situational awareness, NBCR protection, and critical military operations is paramount.

Project name: Integrated Information Technology Policy Analysis Research and Technology Commercialization and Management Network

Requested amount: \$4,000,000.00

Recipient: California State University, San Bernardino, 5500 University Parkway, San Bernardino, CA 92407-2393

Purpose: Integrated Information Technology Policy Analysis Research creates a more strategic, adaptive IT policy to advance the Army's Network Centric Operations vision for the future force, especially with regard to providing situational intelligence to soldiers on the battlefield. Technology Commercialization and Management Network accelerates DoD spiraling technologies acquisition strategy, lowers defense costs by accelerating government technologies, promotes higher educational institutions & small businesses technological innovation, increases commercial application of innovations derived from DoD R&D.

Project name: Research to Treat Cancerous Brain Tumors using Neural Stem Cells

Requested amount: \$2,000,000.00

Recipient: Loma Linda University Medical Center, 11175 Campus Drive, Loma Linda, CA 92354

Purpose: Current cancer treatments do not work on a majority of brain tumors. New breakthrough research has led to the theory that cancerous brain tumors develop and are propagated by a small sub-population of rogue transformed neural stem cells that are highly resistant to existing cancer therapies due to their self-renewal capacity.

With the proposed project, Loma Linda seeks to partner with the Department of Defense and a leading industry research company to achieve the following goals over the next four years: 1. Establish an in vitro brain tumor stem cell model sufficient for systematic screening of potential agents with anti-tumor activity; 2. Search for potential anti-tumor agents that block tumor-activating proteins or enhance tumor-suppressing proteins in the human neural stem cell model of brain tumor; 3. Create an animal model of human glioblastoma for efficacy testing of potential anti-tumor agents; 4. Create a drug form or route of administration of the anti-tumor agent that can be selectively delivered to the brain without exposing peripheral organs to potentially high toxic dose; 5. Demonstrate a proof-of-principle anti-tumor activity with the most promising test agent in the animal model.

Project name: Norton AFB Infrastructure Improvements

Requested amount: \$6,000,000.00

Recipient: Inland Valley Development Agency (IVDA), 294 South Leland Norton Way, Suite #1, San Bernardino, CA 92408-0131

Purpose: The Office of Economic Adjustment in the Department of Defense is tasked

to assist communities that are adversely impacted by Defense program changes, including base closures or realignments, base expansions, and contract or program cancellations. The San Bernardino International Airport, formerly Norton Air Force Base, is a 2,100-acre facility, wholly within the jurisdiction of the City of San Bernardino. Officially closed as a military base in March of 1994, the former Base has been operated by two joint powers authorities, the Inland Valley Development Agency (IVDA) which was formed in 1990, and the San Bernardino International Airport Authority (SBIAA) which was formed in 1992. The IVDA and the SBIAA are in the process of replacing and upgrading the infrastructure of the former Norton Air Force Base. These improvements include ongoing base structure repair and environmental remediation, water system improvements and base floodwater runoff mitigation. In addition to the federal funds requested, the IVDA and the SBIAA are committing their own significant financial resources to the various projects.

Project name: Spintronics Memory Storage Technology

Requested amount: \$3,500,000.00

Recipient: University of California, Riverside, 900 University Avenue, Riverside, CA 92521

Purpose: This project aims to take advantage of recent advances in nanomaterials, nanodevices and spintronics to bring about revolutionary advances in magnetic storage technologies and to develop chip-scale packaging and thermal dissipation solutions for this new generation of devices. Current hard disk drives are now contending with the superparamagnetic limit, which limits the magnetic grain size for recording information. This effort will explore the use of multilevel recording techniques and examine the use of new nanomaterials for the development of highly efficient thermal interface materials in order to accommodate the high thermal dissipation required in compact devices.

Project name: Carbon Nanotube Thin Film Near Infrared Detector

Requested amount: \$2,000,000.00

Recipient: Carbon Solutions, Inc., 1200 Columbia Avenue, Riverside, CA 92507

Purpose: There is an urgent need for improved infrared (IR) detectors for use in thermal imaging, night vision and other military, homeland and border security applications. This project aims to build on the revolutionary discovery of the broad spectrum bolometric response of carbon nanotube thin films to develop a new generation of near infrared detectors. This breakthrough by California scientists offers the possibility of broadly available, room temperature, low cost imaging devices that could find widespread military applications.

Project name: Magneto Inductive Remote Activation Munitions System (MI-RAMS) M156/M39 Kits and M40 Receivers

Requested amount: \$9,000,000.00

Recipient: Magneto Inductive USA, 115 North Del Rosa Drive, Suite A, San Bernardino, California 92408

Purpose: The purpose of the request is to ensure timely deployment of this cutting edge MI-RAMS technology to US warfighters, enabling them to gain significant tactical advantage in difficult urban, cave and tunnel environments where they are required to undertake demolition missions. Continued funding at the requested level will save lives by fielding this technology identified as critical to the

safety of the Army Combat Engineers and Special Operations Forces as soon as possible. This project will also save taxpayer dollars by ensuring that the unique industrial base established in San Bernardino, California to manufacture this equipment remains active, preventing line closures and layoffs and be able to respond to the high demand from the warfighters for this important technology in 2011 and beyond.

Project name: Cyber Threat Analytics

Requested amount: \$3,000,000.00

Recipient: MetaFlows, 22N 6th Street A, Redlands, CA 92373

Purpose: Cyber-TA is a research project to develop the next-generation of real-time national-scale Internet-threat analysis technologies, and conduct critical deployment evaluation and operational transition of new research concepts in large-scale network defense to protect critical DoD and IC networks. Cyber-TA has brought together many of the world's most established researchers across the fields of data privacy, cryptography, malware and intrusion detection research, as well as operational experts in Internet-scale sensor management, to develop leading edge solutions to the evolving threat of increasingly virulent and widespread self-propagating malicious software.

Project name: Geospatial Intelligence Analysis Education (O&M)

Requested amount: \$1,000,000.00

Recipient: University of Redlands, 1200 E Colton Ave, Redlands, CA 92374

Purpose: This project supports continuing efforts to strategically enhance the human and scientific infrastructure of the Intelligence Community (IC), as well as other federal agencies which employ staff who should be using advanced Geospatial Analysis methods. The effort involves collaborating with the Intelligence and Federal Geospatial Communities in the design, development, and implementation of a graduate program, including research, short courses and basic studies in geographic information science (GIS). A key objective is to equip officers at federal agencies with advanced geospatial analysis skills.

Project name: Integrated Propulsion Analysis and Spacecraft Engineering Tools (IPAT/ISET)

Requested amount: \$6,000,000.00

Recipient: Advatech Pacific Inc., 1849 N. Wabash Avenue, Redlands, CA 92374

Purpose: IPAT directly supports many of the Air Force's new major system acquisitions including Land-based Strategic Deterrent, Prompt Global Strike and Operationally Responsive Spacelift and is a key tool to support our nation's world leadership in space.

The ISET radically improves AFRL's ability to quickly assess advanced spacecraft design concepts' strengths, weaknesses, costs, and viability in support of Air Force Space Command, Air Force Space & Missile Systems Center, and U.S. Strategic Command requirements.

Project name: Advanced Technology Sensors and Payloads/Unattended SIGINT Node

Requested amount: \$6,000,000.00

Recipient: Trident Systems, 1615 Orange Tree Lane, Ste 104, Redlands, CA 92374

Purpose: This program is urgently required to address the growing complexity of ground operations associated with Unmanned Aerial Vehicle-based surveillance and reconnaissance (ISR) missions. There are multiple

types of small unmanned aerial vehicles operating in theater, each with its own unique command and control, payload management, and status monitoring interface systems. These UAVs generally carry only an EO/IR camera payload due to the size and weight of existing multiband radars. ATSP provides a common ground station, simplified integration environment for new sensor payload capabilities and unprecedented communications range plus agility around interference. This project provides critically-needed capabilities to extend the reach and operational flexibility of UAVs in theater. By developing and deploying this project, our Armed Forces will be equipped with technology enabling them to accelerate intelligence, surveillance and reconnaissance missions, improve a vital communications link and increase overall safety and survivability. Information superiority has become a key factor in force protection and operational effectiveness. The use of commercial communications technology has enabled even unsophisticated adversaries to coordinate their efforts, narrowing the tactical advantage that US forces achieved in the previous decade and allowing new threats like IEDs. This use of commercial communications assets can be countered with signals intelligence & communications intelligence techniques, helping to restore the information superiority tactical advantage. This project will provide an affordable miniature wide band, SIGINT/COMINT payload for employment on small and mid-size UAV platforms and in ground sensors.

Project name: Enhancing Commercial Joint Mapping Toolkit (CJMTK)

Requested amount: \$4,000,000.00

Recipient: ESRI, 380 New York Street, Redlands, CA 92373

Purpose: Integrating ESRI's Network Analyst technology in the CJMTK baseline affords a rapid and very cost effective path for meeting urgent requirements of the U.S. Army, and affording the same capabilities to the other military services and the U.S. Coast Guard. Several DOD programs have explored independently adding Network Analyst capabilities to their systems, and have determined that the cost for each would range in the tens of millions of dollars. Providing Network Analyst capabilities through CJMTK, then, is extremely cost effective; will enable rapid, parallel adoption of these capabilities in multiple DOD systems; and will provide a common standard for analyzing movements across all of their systems, thereby supporting interoperability and joint/combined operations. For the taxpayer, this means that these Army systems will be more efficient. It also means better decisions can be made by government officials, and the annual cost of Army systems will be lower through the infusion of modern analytical software tools.

Project name: Flow Path Analysis Tool (FPAT)

Requested amount: \$2,000,000.00

Recipient: Advatech Pacific, Inc., 1849 N. Wabash Avenue, Redlands, CA 92374

Purpose: The Flow Path Analysis Tool (FPAT) is the first tool to accurately model the complex physics of the gas flow through a hypersonic ramjet/scramjet engine. This tool will save many millions of dollars by evaluating feasibility, predicting performance, and eliminating non-viable or too costly design concepts for future Navy weapon systems—all without having to actually build them (or scale

models of them) for testing. The Flow Path Analysis Tool effort is an ongoing, but underfunded, program at the Navy's High Speed Weapons Center at China Lake. Previous funding has demonstrated the viability of the approach and is providing the first increment of computational fluid dynamics modeling of the ramjet/scramjet air inlet. The FPAT project, when completed, will provide the Navy's High Speed Weapons Center at China Lake and other DoD organizations with computational fluid dynamics capabilities to analyze and predict performance characteristics of future weapon systems that use ramjet/scramjet hypersonic engine technology. FPAT will capture an unprecedented amount of engine hypersonic flow data from the air inlet, through the engine, and out the exhaust. The cost benefits of physics-based tools that integrate modern design and analysis codes have been well documented.

Project name: Rare Earth Mining Separation and Metal Production

Requested amount: \$3,000,000.00

Recipient: Molycorp, 67750 Bailey Road, Mountain Pass, CA 92366

Purpose: Rare earth metals and magnets are vital to a wide variety of Department of Defense applications. These metals and magnets are used in virtually all advanced military systems and clean energy technologies, yet currently, China controls nearly 100% of the world's rare earth metal production. This funding will speed the development of the critical manufacturing technologies necessary to revitalize U.S. domestic rare earth separation and metal production for DOD applications. To this end, the appropriated funds will be leveraged against more than \$20 million in private capital to accelerate the engineering and scale of this work.

Project name: National Eye Evaluation and Research Network

Requested amount: \$3,000,000.00

Recipient: Foundation Fighting Blindness, 11435 Cronhill Drive, Owings Mills, MD, 21117-2220

Purpose: NEER will directly benefit the warfighter by providing a readily available source to screen, enroll, and follow military patients and their families through clinical trials. Additionally, NEER will continue to interact with the newly formed DOD Vision Center of Excellence, which will eventually be housed at the Bethesda National Naval Medical Center. Many of the diseases to be studied are orphan diseases, impacting small populations. Consequently, they do not receive the attention of major government and private research and pharmaceutical organizations. Additionally, much of the research conducted on degenerative retinal diseases has a direct benefit to ongoing traumatic brain injury research to better understand the vision deficits associated with TBI.

Project name: Inter Turbine Burner for Turbo Shaft Engines

Requested amount: \$3,000,000.00

Recipient: Advanced Projects Research, Incorporated, 2850 U Street, San Bernardino, CA 92408

Purpose: The Inter Turbine Burner is an engine alteration that adds a second combustor within a turbo shaft engine to increase power output and engine efficiency. This technology can be used as an upgrade to existing engines to provide greater power and performance in response to increased air or ground

vehicle capability requirements and can be incorporated in new engine designs to provide both higher performance and greater fuel efficiency at lower engine speeds. This technology can be used on helicopters such as the UH-60 Blackhawk and military ground vehicles such as the M1 Abrams tank to increase fuel efficiency and peak power, which are critical in the Global War on Terror.

RECOGNIZING STEVE CULVER

HON. SAM GRAVES

OF MISSOURI

IN THE HOUSE OF REPRESENTATIVES

Tuesday, September 8, 2009

Mr. GRAVES. Madam Speaker, I proudly pause to recognize Steve Culver of St. Joseph, Missouri. Steve is a St. Joseph native who has been an instrumental member of the community for many years. Not only is he a successful business owner, but also a volunteer, father, husband, and well respected individual in his community.

Steve was employed with Western Dairy and Leo Robertson Tire Company before buying into Midland Bottling Company, which he co-owned for 26 years. He is currently President of Recycling Corporation. Steve has generously volunteered his time to many organizations including the Aviation Board and Citizens Crime Commission for the City of St. Joseph, American Cancer Society, United Cerebral Palsy, Nodaway Valley Bank, and Missouri Western State University Foundation. Steve also founded both the St. Patrick's Day Parade and the Heart of America Chili Challenge in St. Joseph.

Madam Speaker, I proudly ask you to join me in commending Steve Culver for his accomplishments and his desire to enhance the lives of others in his community.

JOHN SOLLAZZO

HON. MICHAEL E. McMAHON

OF NEW YORK

IN THE HOUSE OF REPRESENTATIVES

Tuesday, September 8, 2009

Mr. McMAHON. Madam Speaker, I rise today to honor John Sollazzo, a lifelong Staten Islander, dear friend, dedicated community organizer and Staten Island's own "Mr. Democrat," who turned 70 on July 25, 2009. From his service in the Navy to his active participation in various community organizations, Mr. Sollazzo is the premier example of the engaged citizen, the truly civic individual who I know will continue to be for generations to come.

Born and raised on Staten Island by his father, the late Nicolas Sollazzo, and his mother, Helen Trifoglio. He attended P.S. 22, also known as the Granitville School, and Port Richmond High School.

Mr. Sollazzo served with the U.S. Navy from 1959 to 1960 on the Ships Company of the U.S.S. Intrepid. After his service to our nation he became a New York City Firefighter, one of New York's Bravest, and continued to serve his community until his retirement in 1983.

Mr. Sollazzo has always been willing to give of his time to help others. He has worked to keep kids off streets and spent hours teaching

them valuable skills as an instructor for Youth Against Crime of Staten Island. As an executive board member of Meals on Wheels, he fought to maintain and expand this essential program for our neediest seniors. He has also been involved in various other organizations such as Rotary International, Boy Scouts of America, the American Red Cross, and the Knights of Columbus.

Because of his continued service to our island, Mr. Sollazzo has been the recipient of many awards from various youth, service, and political organizations. He has been recognized by the New York City Council and the New York State Senate for his outstanding contributions.

Outside of his professional life, Mr. Sollazzo is a devoted family man. He has been married to Frances Adamo for more than 48 years. He is the father to John, Jr., Elizabeth and Ellen Mary and the beloved grandfather of Nicholas, Laura, Vincent, Maria and Levi.

Mr. Sollazzo has been active in democratic politics for as long as anyone can remember. Now serving as the 1st Vice Chairman of the Richmond County Democratic Committee, John has been involved in every democratic campaign for the last 25 years. He continues to be the top petition canvasser in the borough. He is well known for his ability to run successful judicial campaigns; having insured that every judicial candidate's campaign he has run has won. He carried the party flag as a candidate on three occasions. Through his personal zeal and undying commitment, he has built the Richmond County Democratic Party into a vibrant, active political organization.

Without John's invaluable assistance in my last campaign, I might not be standing here today. His limitless energy and enthusiasm for his family, his Democratic Party and his community, belie the fact that he has just turned 70 years old.

John Sollazzo celebrated his 70th Birthday on July 25, 2009. This celebration will not only be an anniversary of the birth of Mr. Sollazzo but also a celebration of his contributions to the people of Staten Island. I am proud to call John my friend and I wish him many more years to come. Madam Speaker, I ask that my colleagues join me in commending John Sollazzo on his dedication to the citizens of Staten Island.

HONORING LIEUTENANT GENERAL JAMES G. ROUDEBUSH

HON. JEFF FORTENBERRY

OF NEBRASKA

IN THE HOUSE OF REPRESENTATIVES

Tuesday, September 8, 2009

Mr. FORTENBERRY. Madam Speaker, I rise today to pay tribute to Lieutenant General James G. Roudebush. As his 34-year career in the United States Air Force draws to a close, I would like to draw attention to some of his significant accomplishments and enduring contributions to our great Nation.

Lieutenant General James G. Roudebush is the Surgeon General of the Air Force, headquartered in Washington, D.C. Educated at the University of Nebraska at Lincoln, he received a direct commission in the Medical Service Corps upon completing his master's degree from the University of Nebraska College of Medicine in 1975. In his distinguished